

Claims

1.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations, that is comprised of at least, two rails or cords, a self equalizing component, an automatic tension adjusting component, a vehicle, a support apparatus, a back up anchor.

2.- A binary track security traverse system as in claim 1, characterized by the use of tracks or rails of extruded plastic.

3.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 2, characterized by having tracks or rails of encrusted with the braking augmenting component.

4.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 2 and 3, characterized by the tracks or rails being reinforced with a fiber.

5.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 1, characterized by the total weight of the passenger is supported by one of the lines while a second line

or rail acts as a security line above it.

6.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 1, characterized by a self-equalizing component that automatically distributes passengers wait between the two tracks or rails.

7.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 5, characterized by having an automatic tension adjusting component that allows for the change in dynamics Of the principle line without interfering with the security of the passenger.

8.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 1, characterized by use of an over and under pulley vehicle or a pulley and a safety tether.

9.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 1, characterized by the use of a limiting device or independent safety backup rail that allows a passenger to travel on the primary line or rail while second line or rail automatically adjusts tension within the predetermined operational parameters and that the passenger cannot exceed a pre established limit should that principle line lose its capacity to transport.

10.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations as in claim 1,6 and 7, characterized by the use of a double pulley that travel the length of both lines simultaneously.

11.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations characterized by lines or rails that can be reconfigured to extend the principle component of the rails.

12.- A binary track security traverse system reconfigurable to offer safe trajectories over a wider range of inclinations characterized by having a self equalizing component that incorporates a pulley that is mounted on a articulated arm that automatically aligns the pulley with the center of the trajectory.